

Peak District National Park

Forecast valid from 00:00 on Thursday 03 Feb 2022 until 23:59 on Friday 04 Feb 2022

Forecast Issued on Wednesday 02 Feb 2022 at 16:51

Confidence: High for unsettled, windy and occasionally wintry conditions through the coming days, but lower with regard to timing of the more persistent bands of rain.

Headline for Thursday 03 Feb 2022: Rather cloudy in west, brighter in east. Strengthening southwesterly winds.

Mountain weather hazards on Thursday 03 Feb 2022

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
10%	10%	10%	10%	20%	10%	10%	40%

Forecast for Thursday 03 Feb 2022

Weather: Mostly dry with clear or sunny spells, the cloud may thicken up at times over western hills to give some patchy drizzle at times. Cloud increases through the evening bringing outbreaks of occasionally heavy rain towards midnight.

Chance of cloud-free hill tops above 600m: Around 40% in west but nearer 75% in east. Chances fall to zero through the evening.

Low cloud and visibility: Occasional cloud in east above 600m, but periods at times in west above 450-600m. Otherwise visibility good or rather hazy falling to several kilometres in any drizzle and heavy evening rain.

Forecast for Thursday 03 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	19/26 SW	21/29 SW	21/29 SW	22/31 SW	25/35 SW	26/38 SW	31/44 SW	31/45 SW
300	12/20 SW	13/21 SW	15/24 SW	15/24 SW	17/25 SW	19/29 SW	20/31 SW	23/36 SW	23/37 SW
Valley	8/19 SW	8/20 SW	10/22 SW	10/21 SW	11/24 SW	14/29 SW	13/29 SW	16/34 SW	16/35 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-1	4/-2	4/-2	4/-1	5/-0	5/-1	5/-2	4/-3
300	6/2	6/2	6/2	6/2	7/3	8/4	7/3	7/2	6/1
Valley	6/4	6/4	6/3	6/3	8/5	9/6	8/4	8/4	7/2
Freezing Level*	1200m	1300m	1200m	1300m	1300m	1300m	1300m	1400m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts to around 50mph over higher peaks during evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 02 Feb 2022	8.6mm	23.2mm	32.2mm

Forecast for Friday 04 Feb 2022

Weather: Heavy rain turns increasingly to snow through the early hours before clearing towards dawn with long clear spells developing. Then a bright, cold day with sunny spells and, especially in the west, occasionally heavy wintry showers, these falling mainly as snow with the best of the sunshine in the east.

Maximum wind: Westerly or northwesterly 25mph, with gusts around 45mph over peaks and perhaps at lower levels in or near showers.

Chance of cloud-free hill tops above 600m: Around 40% in west but nearer 75% in east

Low cloud and visibility: Periods of cloud at times in west 450-600m but cloud more occasional above 600m in the east. Otherwise visibility, very good falling to a kilometre or less in snow showers.

Temperature: **Valleys:** Around plus 2 Celsius at dawn rising to plus 5 or 6 Celsius by day
At 600m: Around minus 1 Celsius
Freezing level: Around 450m